



The State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

Representatives Present During the Inspection:

OGM Joe Helfrich Environmental Scientist III

Inspection Report

Permit Number:	C0070007
Inspection Type:	COMPLETE
Inspection Date:	Thursday, September 09, 2004
Start Date/Time:	9/9/2004 9:00:00 AM
End Date/Time:	9/9/2004 2:00:00 PM
Last Inspection:	Wednesday, June 18, 2003

Inspector: Joe Helfrich, Environmental Scientist III

Weather: sunny, breezy 75

InspectionID Report Number: 396

Accepted by: whedberg

9/22/2004

Permittee: **SUNNYSIDE COAL CO**

Operator: **SUNNYSIDE COAL CO**

Site: **SUNNYSIDE MINE**

Address: **99 W MAIN # 202, LEHI UT 84043**

County: **CARBON**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **RECLAIMED**

Current Acreages

287.40	Total Permitted
287.40	Total Disturbed
	Phase I
	Phase II
28.00	Phase III

Mineral Ownership

- ☒ Federal
- ☒ State
- ☒ County
- ☒ Fee
- ☒ Other

Types of Operations

- ☐ Underground
- ☐ Surface
- ☐ Loadout
- ☐ Processing
- ☐ Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The purpose of this inspection was to evaluate the potential and/or existence of off-site impacts from the site. The inspection revealed that there were no off-site impacts from the reclaimed areas.

Inspector's Signature

Joe Helfrich
Joe Helfrich, Environmental Scientist III

Inspector ID Number: 1

Date Friday, September 10, 2004

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 facsimile (801) 359-3940 TTY (801) 538-7223 www.ogm.utah.gov

Utah!
Where ideas connect™

Permit Number: C0070007
 Inspection Type: COMPLETE
 Inspection Date: Thursday, September 09, 2004

Inspection Continuation Sheet

Page 2 of 4

REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
 - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

1. Permits, Change, Transfer, Renewal, Sale

This bond forfeiture site was reclaimed as of July 1, 1999. The reclamation encompassed 310 acres of disturbed areas. On January 9, 2001, the Division's findings indicated that the site met the criteria for "Abandoned Site" in accordance with R645-400.

2. Signs and Markers

Permit entry signs were observed prior to entering Fan and Water Canyons. As stated in previous inspection reports, the signs could be removed. Access locations to the property are gated and locked.

3. Topsoil

The soil material used in the reclamation of this bond forfeiture site is supporting good vegetative growth throughout the reclaimed areas.

4.a Hydrologic Balance: Diversions

Grassy Trail Creek flows through the reclaimed drainage. The stream was flowing at several GPM above the manshaft area. The drainage was stable and showed no signs of off-site impacts from the reclaimed areas. Willows along the drainage continue to grow well with some evidence of recent browsing.

4.c Hydrologic Balance: Other Sediment Control Measures

Sediment control measures include vegetation establishment and surface roughening. There was no evidence of off-site impacts from these areas.

4.d Hydrologic Balance: Water Monitoring

No water monitoring is being conducted at this site. No off-site impacts to water quality were noted.

9. Protection of Fish, Wildlife and Related Environmental Issues

As noted in the previous inspection, there is a sign containing information to the public about viewing Rocky Mountain bighorn sheep on the reclaimed area. The sign is located along the public road across from the reconstructed channel and tibble area.

12. Backfilling And Grading

All backfilled and graded areas are stable. No slides were observed.

Permit Number: C0070007
Inspection Type: COMPLETE
Inspection Date: Thursday, September 09, 2004

Inspection Continuation Sheet

Page 4 of 4

13. Revegetation

Vegetative cover on the reclaimed areas was high as noted in the previous inspection. Much of the area had at least 40 percent vegetative cover (based on visual observations). The following species were noted.

GRASSES FORBS SHRUBS

Indian ricegrass penstemon winterfat
bluebunch wheatgrass Sweetvetch (or Cicer) rabbitbrush
western wheatgrass blue flax fourwing saltbush
Mountain brome yarrow sagebrush, willow
narrow leaf cottonwood

18. Support Facilities, Utility Installations

The office and warehouse facilities remain as an approved industrial post-mining land use.